



FOOD AND DRINK



SP Technology

Automation & Robotics



This solution was manually loaded and automatically fed trays of eight shortbread rounds, where a vision system was used to determine the position of the "rounds". A six axis robot with bespoke cutting tool was then used to cut the rounds on the tray, prior to the cut rounds being conveyed under a sugar sifter and ejected from the machine for operator collection.

Key features and equipment:

- Robot lowers and "cuts" through product
- Vision detection of rounds (position)
- Clamp and location of trays
- Auto feeding of trays
- Robot positions above rounds
- Robot lifts, clamps released
- Tray conveyed under sugar shaker and to packaging
- Output - 40 rounds/minute



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